

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025654.D
 Acq On : 20 Apr 2022 18:20
 Operator : SY/MD
 Sample : N2492-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W3

Quant Time: Apr 21 06:45:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133400	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	51781	4.175	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.574	69	53647	4.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.400%	
11) 1,1-Dichloroethene-d2	2.114	63	84226	3.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	3.896	46	94623	62.722	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.440%	
24) Chloroform-d	4.355	84	98226	5.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.034	65	47915	5.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.600%	
32) Benzene-d6	5.053	84	196248	5.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
36) 1,2-Dichloropropane-d6	6.072	67	60485	5.712	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.200%	
41) Toluene-d8	7.317	98	165299	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.625	79	17729	4.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.088	63	77402	61.959	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36433	5.446	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54696	5.636	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.317	62	811	0.055	ug/L #	17
12) 1,1-Dichloroethene	2.124	96	2332	0.202	ug/L #	1
18) trans-1,2-Dichloroethene	2.777	96	369	0.038	ug/L #	47
22) cis-1,2-Dichloroethene	3.918	96	16808	1.647	ug/L	97
25) Chloroform	4.375	83	3065	0.177	ug/L	96
27) 1,2-Dichloroethane	5.156	62	857	0.094	ug/L #	71
33) Benzene	5.114	78	4164	0.107	ug/L	100
34) Trichloroethene	5.915	95	139899	13.591	ug/L	99
35) Methylcyclohexane	6.069	83	14586	0.888	ug/L #	26
39) cis-1,3-Dichloropropene	6.992	75	1328	0.113	ug/L #	49
44) trans-1,3-Dichloropropene	7.625	75	871	0.095	ug/L #	79
45) 1,1,2-Trichloroethane	7.992	97	233944	38.953	ug/L #	8
52) Ethylbenzene	9.021	91	2685	0.060	ug/L	88
53) m,p-Xylene	9.146	106	970	0.057	ug/L	70
61) 1,2,3-Trichloropropane	10.011	75	246	0.065	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.921	105	838	0.052	ug/L	89

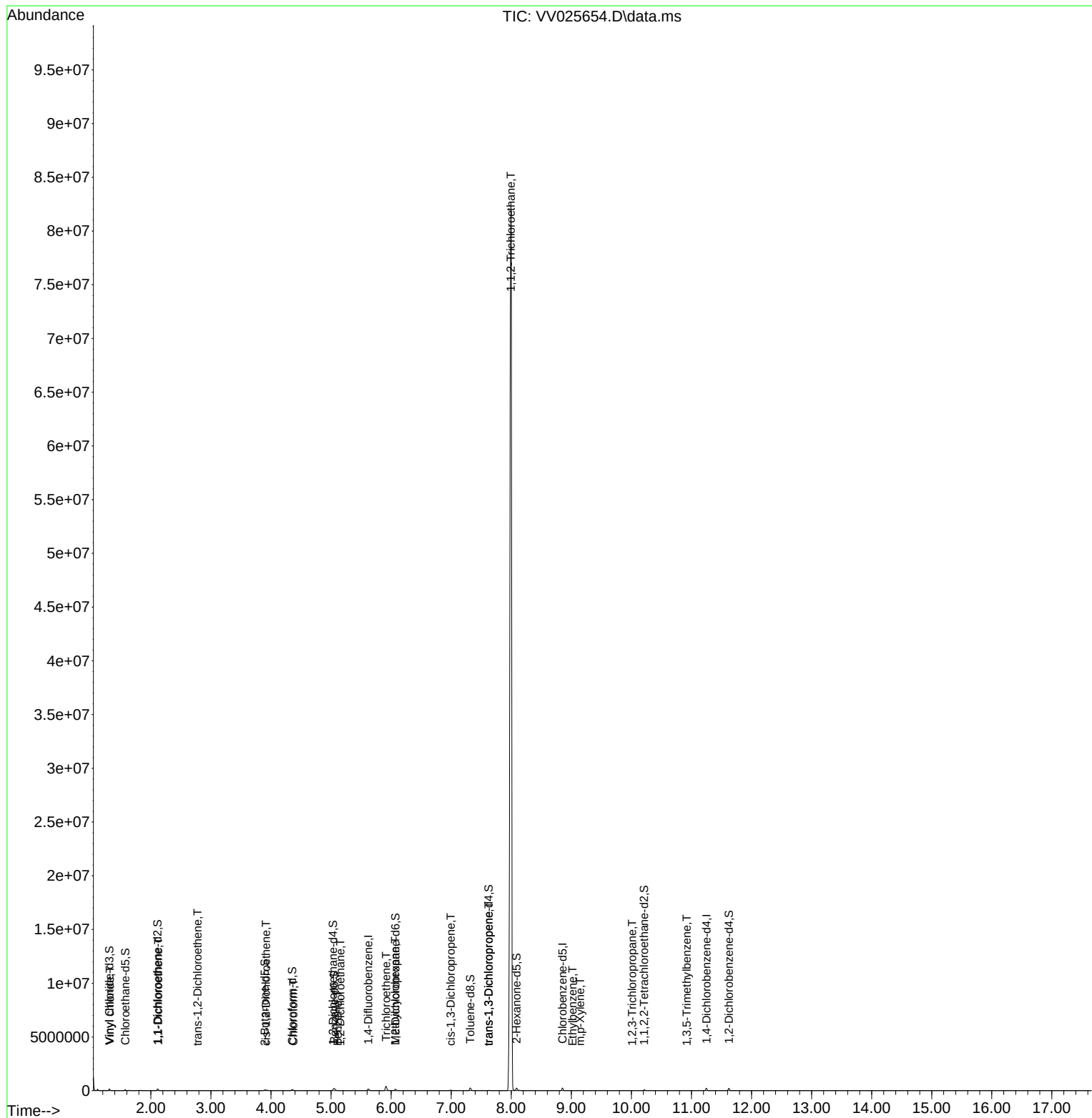
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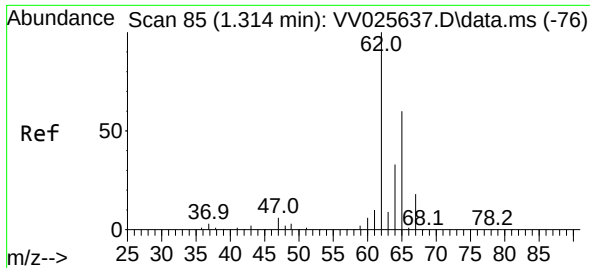
Instrument :
MSVOA_V
ClientSampleId :
EW6W3

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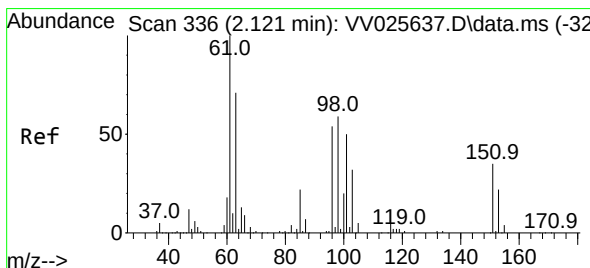
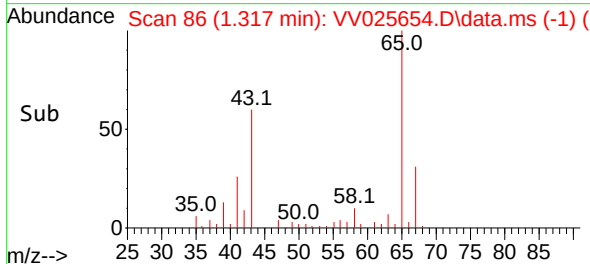
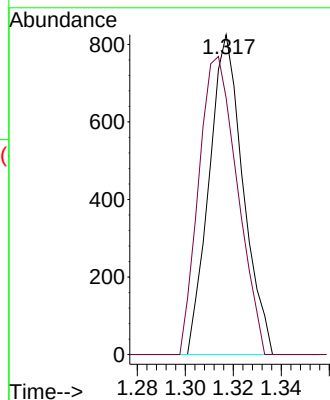
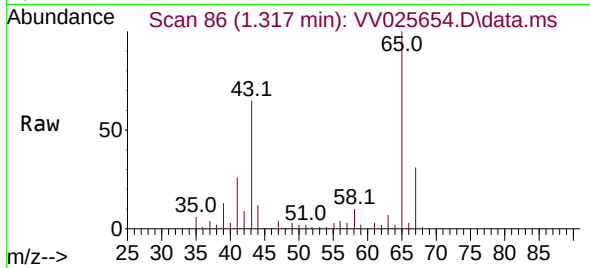




#5
 Vinyl chloride
 Concen: 0.055 ug/L
 RT: 1.317 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV025654.D
 Acq: 20 Apr 2022 18:20

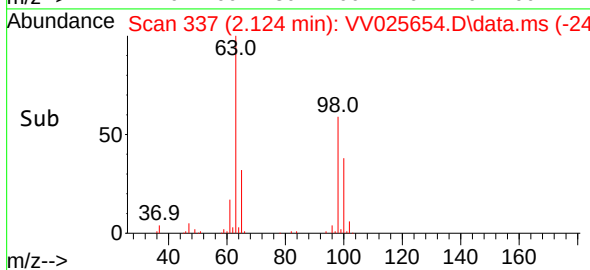
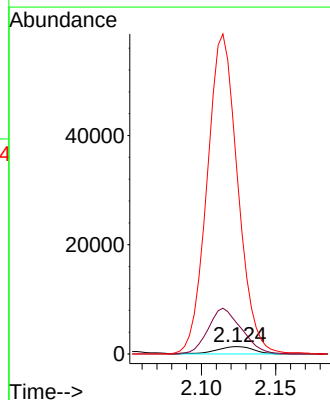
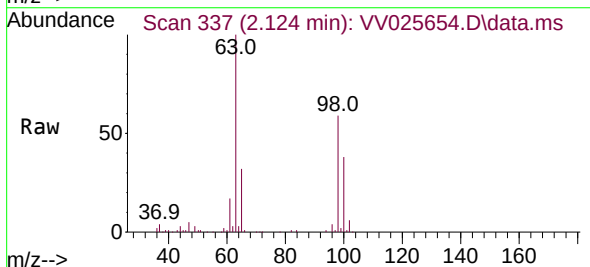
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 MSVOA_V
 ClientSampleId :
 EW6W3

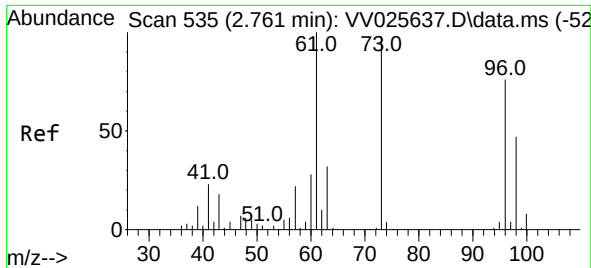
Tgt Ion: 62 Resp: 811
 Ion Ratio Lower Upper
 62 100
 64 80.2 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.202 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025654.D
 Acq: 20 Apr 2022 18:20

Tgt Ion: 96 Resp: 2332
 Ion Ratio Lower Upper
 96 100
 61 415.6 125.2 232.4#
 63 2448.3 114.4 212.4#

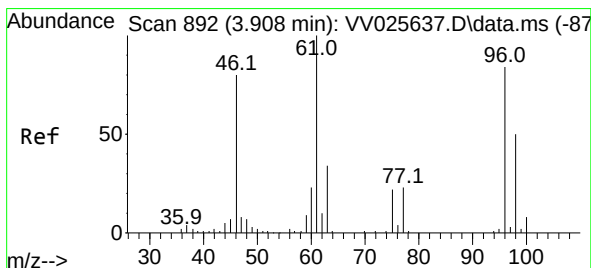
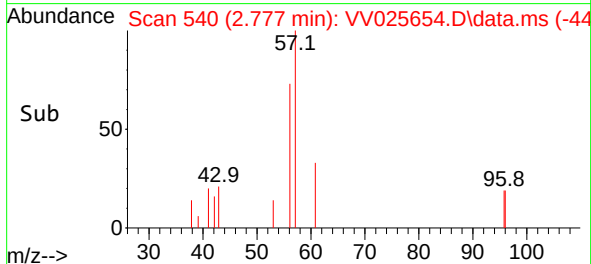
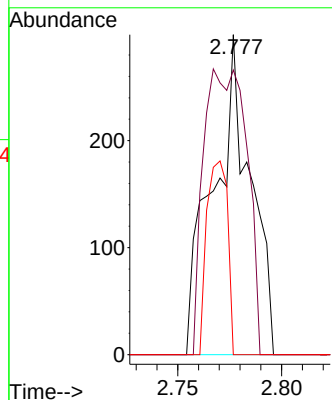
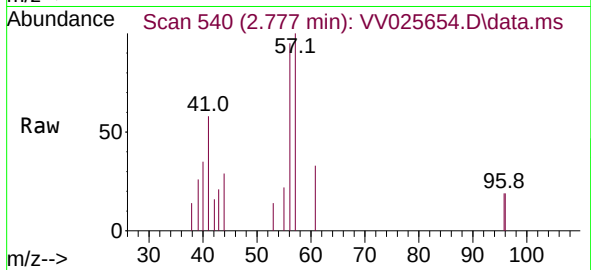




#18
trans-1,2-Dichloroethene
Concen: 0.038 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.016 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

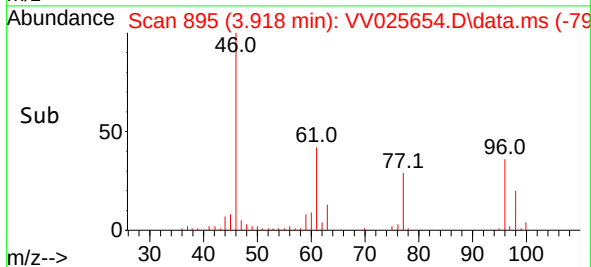
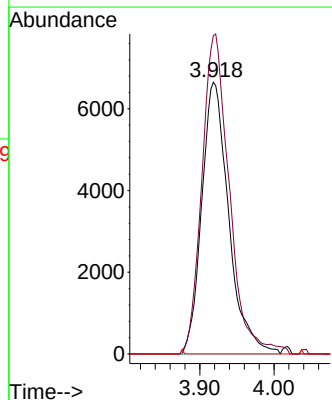
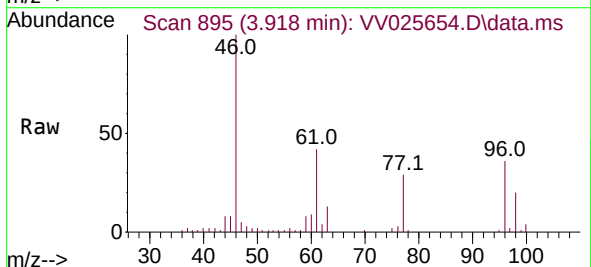
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ClientSampleId :
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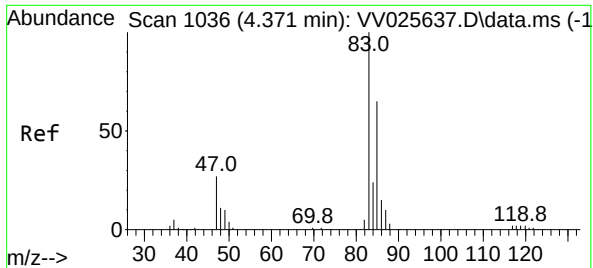
Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 89.0 92.1 171.1#
98 0.0 47.5 88.1#



#22
cis-1,2-Dichloroethene
Concen: 1.647 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

Tgt Ion: 96 Resp: 16808
Ion Ratio Lower Upper
96 100
61 117.2 80.0 148.6
68 0.0 0.0 0.0

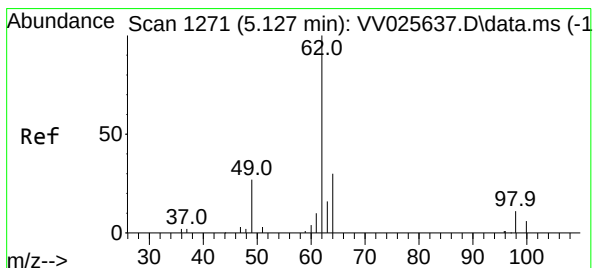
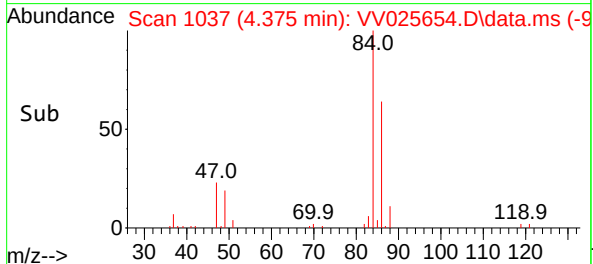
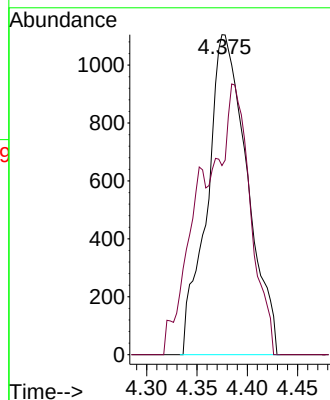
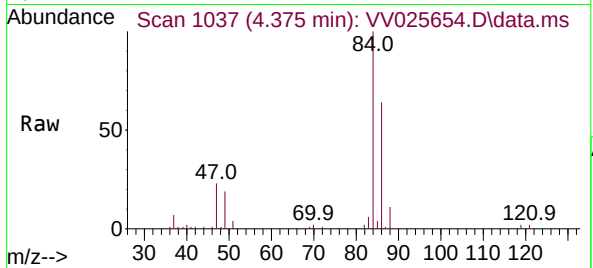




#25
Chloroform
Concen: 0.177 ug/L
RT: 4.375 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

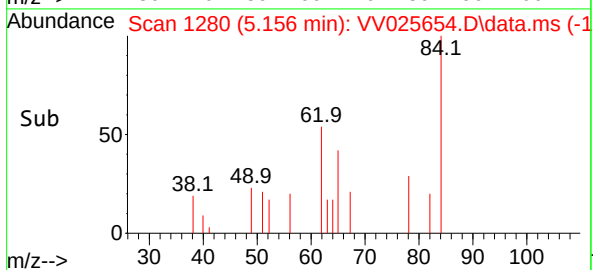
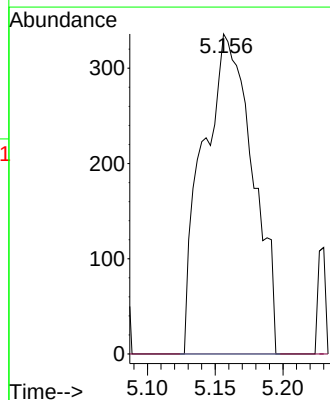
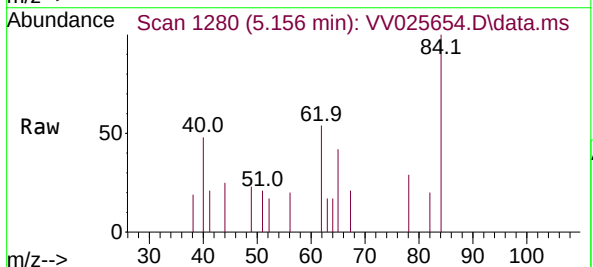
Instrument :
MSVOA_V
ClientSampleId :
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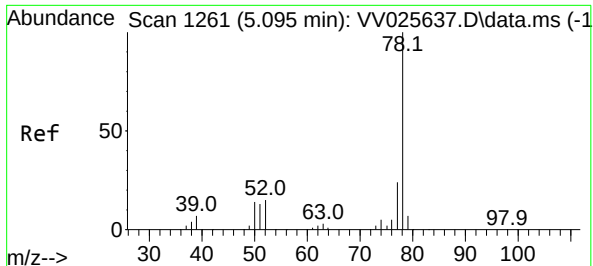
Tgt Ion: 83 Resp: 3065
Ion Ratio Lower Upper
83 100
85 59.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.156 min Scan# 1280
Delta R.T. 0.029 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

Tgt Ion: 62 Resp: 857
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#





#33

Benzene

Concen: 0.107 ug/L

RT: 5.114 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV025654.D

Acq: 20 Apr 2022 18:20

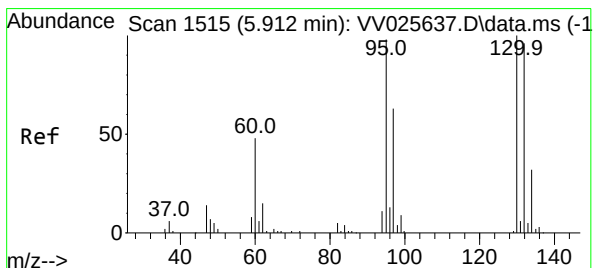
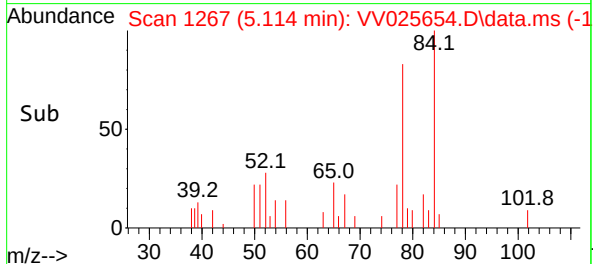
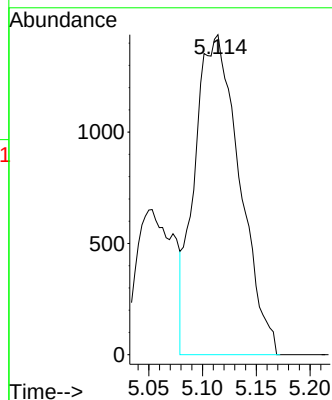
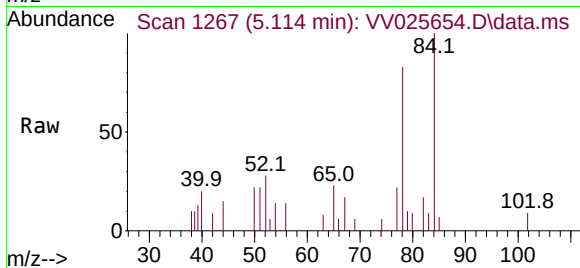
Instrument :

MSVOA_V

ClientSampleId :

EW6W3

Tgt Ion: 78 Resp: 4164



#34

Trichloroethene

Concen: 13.591 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV025654.D

Acq: 20 Apr 2022 18:20

Tgt Ion: 95 Resp: 139899

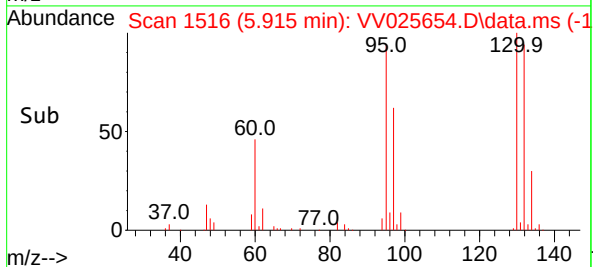
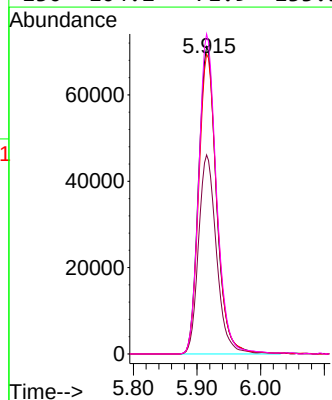
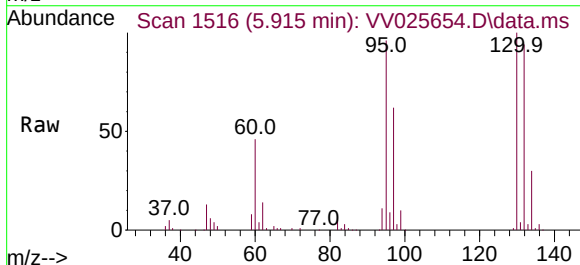
Ion Ratio Lower Upper

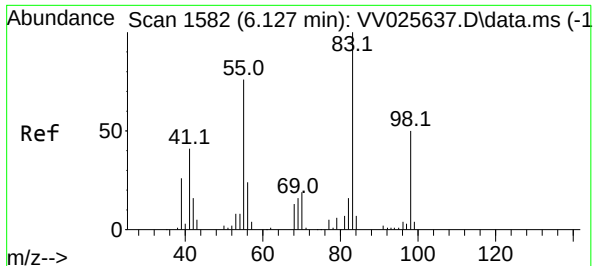
95 100

97 64.8 45.8 85.2

132 97.6 68.0 126.4

130 104.2 71.9 133.5





#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025654.D

Acq: 20 Apr 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

EW6W3

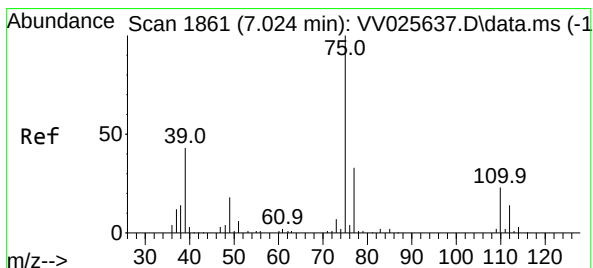
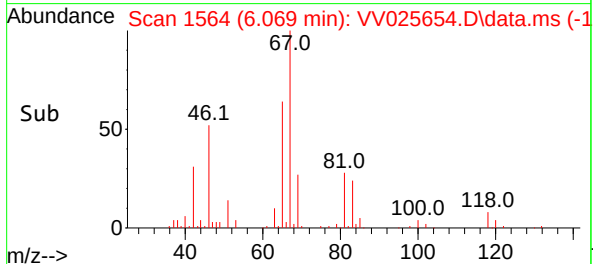
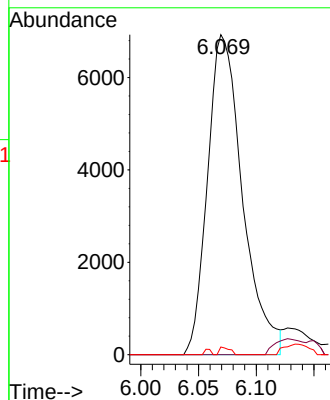
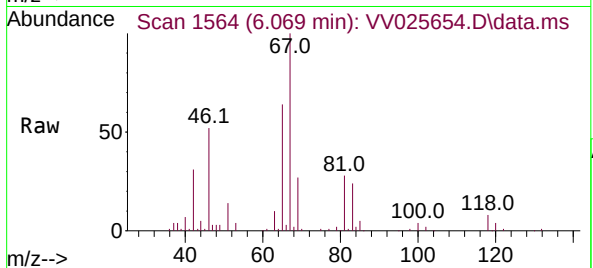
Tgt Ion: 83 Resp: 14586

Ion Ratio Lower Upper

83 100

55 4.0 53.7 80.5#

98 2.3 39.6 59.4#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025654.D

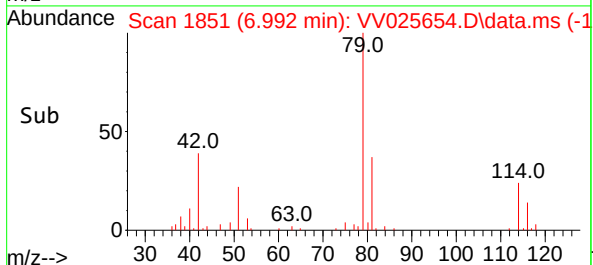
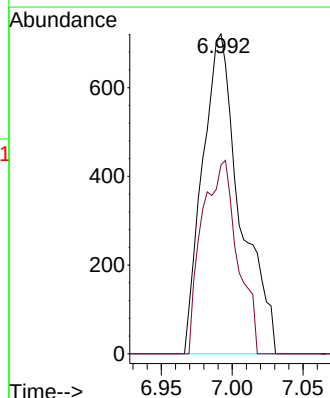
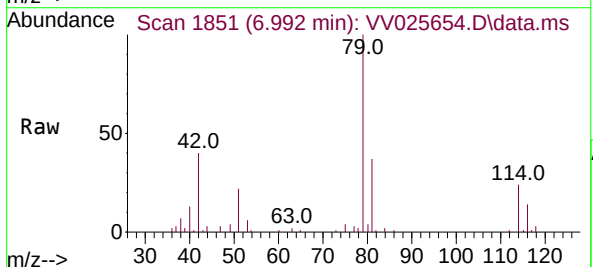
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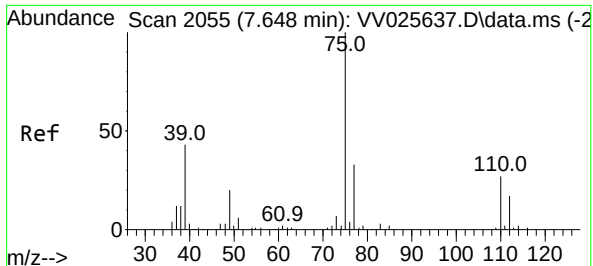
Tgt Ion: 75 Resp: 1328

Ion Ratio Lower Upper

75 100

77 59.1 21.8 40.6#

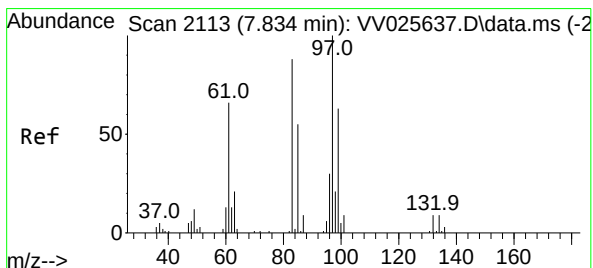
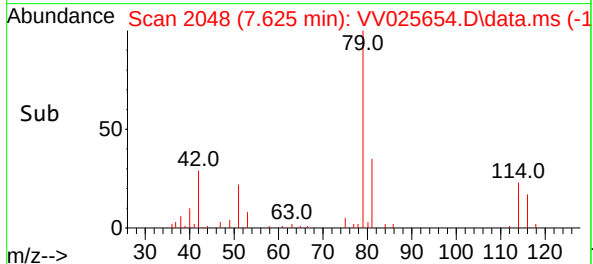
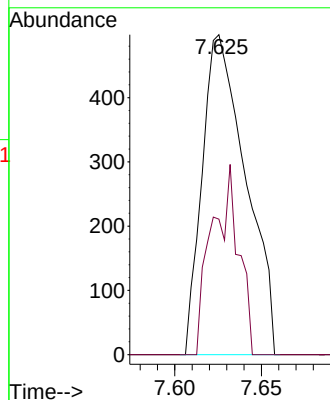
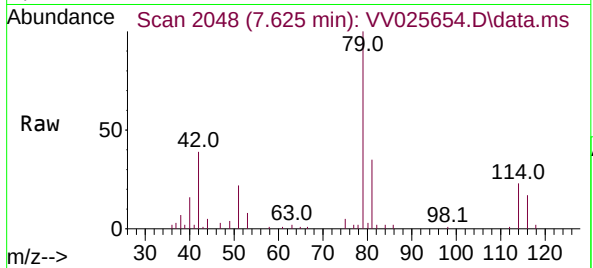




#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.022 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

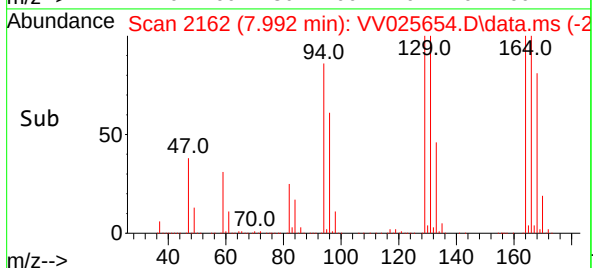
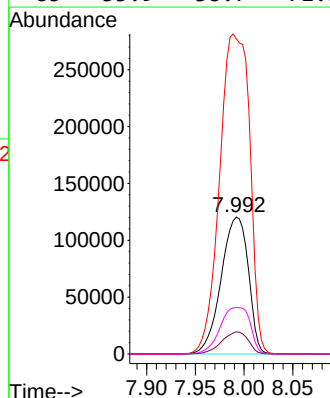
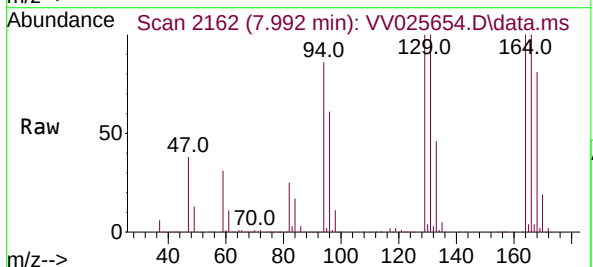
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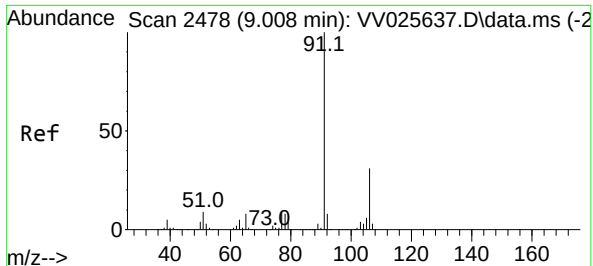
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 42.4 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 38.953 ug/L
RT: 7.992 min Scan# 2162
Delta R.T. 0.158 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

Tgt Ion: 97 Resp: 233944
Ion Ratio Lower Upper
97 100
99 16.1 43.8 81.4#
83 229.8 60.3 112.1#
85 33.9 38.7 71.9#





#52

Ethylbenzene

Concen: 0.060 ug/L

RT: 9.021 min Scan# 2478

Delta R.T. 0.013 min

Lab File: VV025654.D

Acq: 20 Apr 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

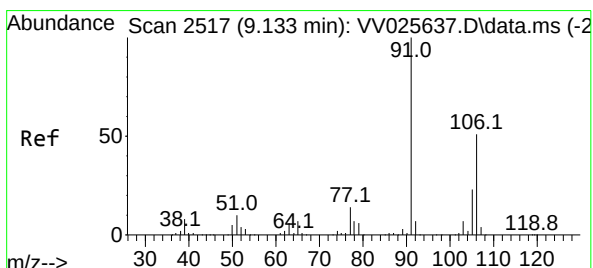
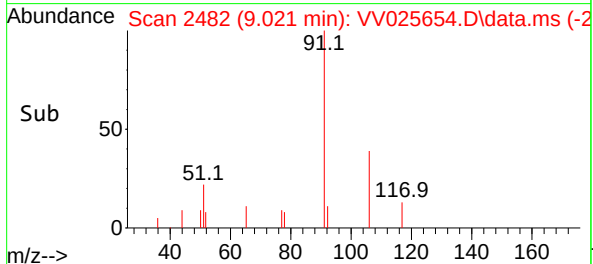
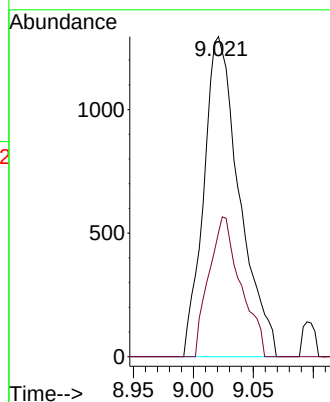
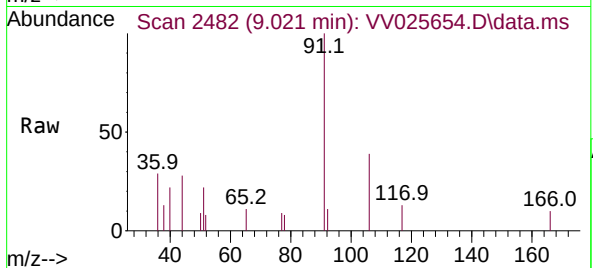
EW6W3

Tgt Ion: 91 Resp: 2685

Ion Ratio Lower Upper

91 100

106 38.7 22.3 41.3



#53

m,p-Xylene

Concen: 0.057 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV025654.D

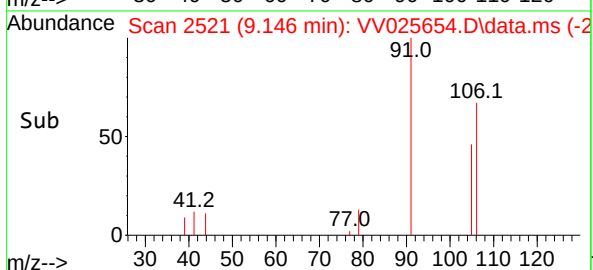
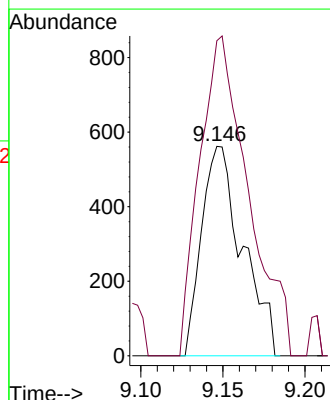
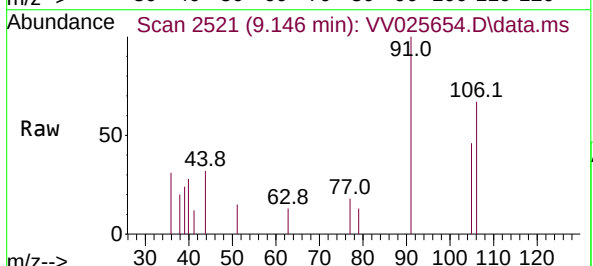
Acq: 20 Apr 2022 18:20

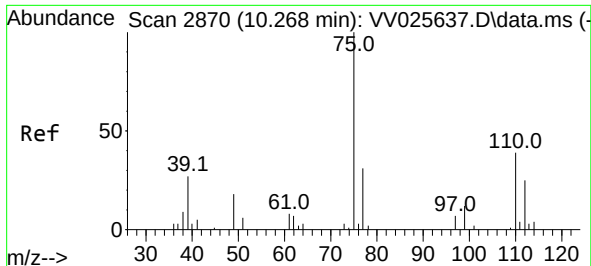
Tgt Ion: 106 Resp: 970

Ion Ratio Lower Upper

106 100

91 150.4 136.4 253.4

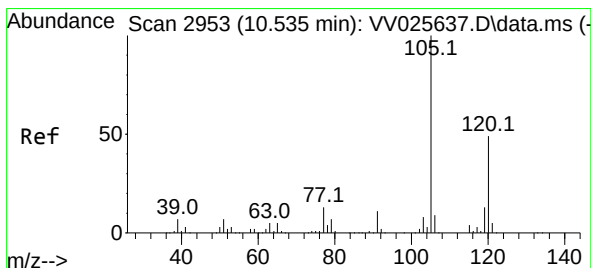
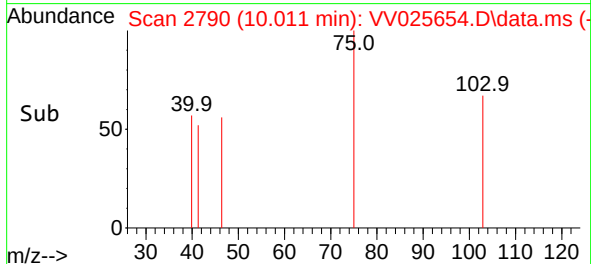
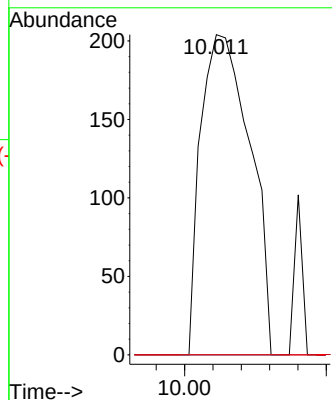
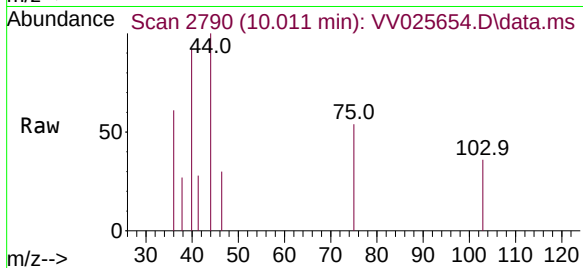




#61
1,2,3-Trichloropropane
Concen: 0.065 ug/L
RT: 10.011 min Scan# 21
Delta R.T. -0.257 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

Instrument :
MSVOA_V
ClientSampleId :
EW6W3

Tgt Ion: 75 Resp: 246
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.052 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.386 min
Lab File: VV025654.D
Acq: 20 Apr 2022 18:20

Tgt Ion: 105 Resp: 838
Ion Ratio Lower Upper
105 100
120 41.8 39.6 59.4

